

## Message Text

CONFIDENTIAL

PAGE 01 MOSCOW 15060 241336Z

42 L  
ACTION EUR-12

INFO OCT-01 ISO-00 EURE-00 BIB-01 PA-01 PRS-01 SS-15 SSO-00

NSC-05 NSCE-00 SP-02 L-03 INR-07 INRE-00 CIAE-00 EB-07

H-02 /057 W  
----- 095218

O R 241247Z SEP 76  
FM AMEMBASSY MOSCOW  
TO SECSTATE WASHDC IMMEDIATE 9090  
INFO USIA WASHDC

C O N F I D E N T I A L MOSCOW 15060

STATE FOR EUR/SOV, ALSO PASS BIB; USIA FOR IBS/EF

E.O. 11652: GDS  
TAGS: PFOR UR US  
SUBJ: SPECIAL RECEPTION STUDY RL BROADCASTS IN USSR

REF: STATE 211929

1. SUMMARY: RECEPTION RESULTS OBTAINED IN ZHITOMIR (UKRAINE) INDICATE THAT, DESPITE INTENTIONAL NOISE-TYPE JAMMING, RADIO LIBERTY BROADCASTS CAN BE HEARD WITH A GOOD SIGNAL IN THAT GEOGRAPHIC SECTION OF USSR. END SUMMARY.

2. IN ZHITOMIR, RADIO LIBERTY BROADCASTS IN RUSSIAN COULD BE RECEIVED WITH A GOOD, AND AT TIMES EXCELLENT, SIGNAL DURING EVENING PERIOD, 1500-2200 GMT, ALTHOUGH SLIGHT CO-CHANNEL NOISE-TYPE JAMMERS COULD BE HEARD IN BACKGROUND. SEVERE CO-CHANNEL NOISE JAMMING EXPERIENCED BALANCE OF EVENING BROADCAST PERIOD, 2200-2400 GMT. ADDITIONALLY, RL RUSSIAN BROADCASTS RECEIVED GOOD TO OCCASIONALLY FAIR DURING MORNING BROADCAST PERIOD, 0200-0600 GMT. NOISE JAMMING BECAME SEVERE DURING BALANCE OF PERIOD, 0600-0900 GMT.

3. ALSO IN ZHITOMIR, RL BROADCASTS IN UKRAINIAN RECEIVED WITH A GOOD SIGNAL DURING EVENING PERIOD,  
CONFIDENTIAL

CONFIDENTIAL

PAGE 02 MOSCOW 15060 241336Z

1500-1600 GMT AND 1900-2200 GMT. (JAMMED SEVERELY

1600-1700 GMT). CONVERSELY, JAMMING WAS SEVERE DURING MORNING PERIOD, 0200-0400 GMT.

4. THERE WAS NO LOCAL JAMMER OPERATING IN ZHITOMIR.

5. RECEPTION OF VOA RUSSIAN AND UKRAINIAN BROADCASTS WAS GOOD DURING BOTH MORNING AND EVENING PERIODS WITH SEVERAL FREQUENCIES PROVIDING GOOD SIGNALS.

6. IN KIEV, RL BROADCASTS IN RUSSIAN AND UKRAINIAN WERE MOSTLY JAMMED OUT BY NOISE-TYPE JAMMERS DURING BOTH MORNING AND EVENING BROADCAST PERIODS. HOWEVER, RECEPTION IMPROVED TO GOOD, DESPITE JAMMING, DURING TRAIN TRAVEL KIEV-MOSCOW BEGINNING AT 1900 GMT AND LASTING FOR ABOUT ONE HOUR OR MORE (FOR RUSSIAN ONLY) UNTIL ABOUT 45 KM OUTSIDE OF KIEV WHEN SKYWAVE JAMMING AGAIN BECAME SEVERE. BELIEVE ONLY NOISE-TYPE JAMMER OPERATING IN KIEV ON EACH INDIVIDUAL RL FREQUENCY, RATHER THAN MAYAK-TYPE JAMMER WHICH OBLITERATES PORTIONS OF SHORWAVE BAND, AS WAS OBSERVED DURING PREVIOUS VISIT IN DEC. 1974.

7. RECEPTION RESULTS RADIO LIBERTY BROADCASTS IN ZHITOMIR AS FOLLOWS:

EVENING RUSSIAN:

1500-1700 GMT: GOOD 15130 KHZ.

1700-1800 GMT: EXCELLENT 15130, GOOD 11875 KHZ.

1800-1900 GMT: GOOD 15130, 11970, 11875 KHZ.

1900-2000 GMT: GOOD 15370, 15130, 11875 KHZ.

MORNING RUSSIAN:

0200-0300 GMT: GOOD 9520 KHZ.

0300-0400 GMT: FAIR 9520, 7295 KHZ.

CONFIDENTIAL

CONFIDENTIAL

PAGE 03 MOSCOW 15060 241336Z

0400-0500 GMT: (7295 SEVERELY JAMMED).

0500-0600 GMT: GOOD 9680, 11930.

0600-0900 GMT: (SEVERELY JAMMED).

EVENING UKRAINIAN:

1500-1600 GMT: GOOD 15370 KHZ.

1600-1700 GMT: (SEVERLY JAMMED).

1900-2000 GMT: FAIR 9660, 9520 KHZ.

2000-2100 GMT: GOOD 9660, 9520 KHZ.

2100-2200 GMT: GOOD 9660 KHZ.

8. RECEPTION RESULTS VOA BROADCASTS IN ZHITOMIR AS FOLLOWS:

MORNING RUSSIAN:

0300-0400 GMT: GOOD TAN 9715, KAV 9540/7240/7170, MUN 6150.

0400-0500 GMT: GOOD KAV 7240/670; FAIR MUN 6150.

EVENING RUSSIAN:

1500-1600 GMT: GOOD WOF 11710, KAV 9660/7270,  
FAIR KAV 11840

1600-1700 GMT: GOOD KAV 11840/9680/9660, WOF 11710;  
FAIR KAV 7270.

1700-1800 GMT: GOOD KAV 11840/9680/9660, WOF 11710;  
FAIR KAV 7270/6150.

1800-1900 GMT: GOOD WOF 11710, KAV 9680/9530/6150.

1900-2000 GMT: EXCELLENT KAV 9680; GOOD WOF 11710 (TIL  
CONFIDENTIAL

CONFIDENTIAL

PAGE 04 MOSCOW 15060 241336Z

1930), KAV 7270/6150/6095; FAIR KAV 9530.

2000-2100 GMT: GOOD KAV 7270/6150; FAIR KAV 6095.

2100-2200 GMT: GOOD KAV 9530/7270/6150; FAIR MUN 6150,  
KAV 6095

MORNING UKRAINIAN:

0200-0300 GMT: GOOD RHO 6070; FAIR TAN 9760, KAV 791 (MW).

0300-0400 GMT: GOOD TAN 7190, RHO 6070, KAV 791 (MW).

EVENING UKRAINIAN:

1600-1700 GMT: GOOD TAN 15305, MUN 7290, KAV 5955;  
FAIR TAN 11760.

1700-1800 GMT: EXCELLENT MUN 7290; GOOD TAN 15305,  
KAV 5955.

9. TECHNICAL COMMENTS: (A) AT LEAST ONE MAYAK TYPE JAMMER  
OPERATES IN CITY OF MOSCOW BUT ONLY SPORADICALLY HEARD AT  
MONITORING LOCATIONS.

(B) THERE WERE TWO JAMMER ANTENNA TOWERS IN  
LENINGRAD BUT WERE NOT IN OPERATION DURING VISIT THAT  
LOCATION WITH EXCEPTION OF ABOUT ONE HOUR DURING EVENING  
PERIOD WHEN MAYAK JAMMER CAME ON AND THEN WENT OFF  
AGAIN.

(C) THERE WAS NO LOCAL JAMMER OPERATING IN TALLINN.

10. NO PROBLEMS WERE ENCOUNTERED WHILE CARRYING OUT  
RL/VOA RECEPTION STUDY IN USSR.  
MATLOCK

CONFIDENTIAL

NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** STUDIES, RADIO BROADCASTING, RADIO FREQUENCIES  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 24 SEP 1976  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Authority:** ShawDG  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 28 MAY 2004  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1976MOSCOW15060  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** GS  
**Errors:** N/A  
**Film Number:** D760361-0214  
**From:** MOSCOW  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1976/newtext/t19760923/aaaaatnc.tel  
**Line Count:** 190  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Office:** ACTION EUR  
**Original Classification:** CONFIDENTIAL  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 4  
**Previous Channel Indicators:** n/a  
**Previous Classification:** CONFIDENTIAL  
**Previous Handling Restrictions:** n/a  
**Reference:** 76 STATE 211929  
**Review Action:** RELEASED, APPROVED  
**Review Authority:** ShawDG  
**Review Comment:** n/a  
**Review Content Flags:**  
**Review Date:** 14 MAY 2004  
**Review Event:**  
**Review Exemptions:** n/a  
**Review History:** RELEASED <14 MAY 2004 by ElyME>; APPROVED <09 SEP 2004 by ShawDG>  
**Review Markings:**

Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
04 MAY 2006

**Review Media Identifier:**  
**Review Referrals:** n/a  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** SPECIAL RECEPTION STUDY RL BROADCASTS IN USSR  
**TAGS:** PFOR, UR, US, RL  
**To:** STATE  
**Type:** TE  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006